

2008 Horizontal Accuracy Inspection Overview

David Wheeler
Ortho Imagery Inspection Supervisor
Aerial Photography Field Office
Voice 801-844-2963
Email; david.wheeler@slc.usda.gov

- The APFO NAIP imagery specifications states that “All DOQQ tiles shall have 95% of well-defined points tested fall within 6.0 meters of true ground (NAIP-TO-3-09-1)
- A team of ten quality assurance inspectors conduct horizontal Accuracy (HA) inspection

- For the year 2008 NAIP, inspected 5368 well-defined absolute control photo points
- HA ranged from 0 to 21 meters, with a mean of 1.6 meter accuracy.

Horizontal Accuracy Outliers

- 94% of values are within 4 stddev.
- 4 standard deviation units were added to the 6 meter standard to create a sum of 10 meter horizontal error, truncated rather than rounded

- 34 control points fell within the range of 10 + meter HA error
- Contact Ms. Brenda Simpson if you have an offset 10+ meters

Brenda L. Simpson
Chief, Quality Assurance
Aerial Photography Field Office
Voice: (801) 844-2960
brenda.l.simpson@slc.usda.gov

